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Claims 1-22 canceled.

- 20        23. A camera comprising:  
            a first lens for performing a magnification  
            operation;  
            a second lens for correcting movement of a focal  
            plane during movement of said first lens;  
25        lens moving means for independently moving said  
            first and second lenses to be parallel to an optical  
            axis;

1        extracting means for extracting a high frequency  
component from a video signal of a photographed object;  
and

5        first moving condition switching means for  
switching a moving condition of said second lens during  
movement of the first lens so that a high frequency  
component amount of the video signal changes.

10      24. A camera according to claim 23, wherein said  
first moving condition switching means switches the  
moving condition of said second lens on the basis of  
the high frequency component of the video signal.

15      25. A camera comprising:  
a first lens for performing a magnification  
operation;

20      a second lens for correcting movement of a focal  
plane during movement of said first lens;  
lens moving means for independently moving said  
first and second lenses to be parallel to an optical  
axis;

25      extracting means for extracting a high frequency  
component from a video signal of a photographed object;  
second moving condition switching means for  
switching the moving condition of said second lens so  
as to increase or decrease a high frequency component  
amount of the video signal on the basis of the high

- 1 frequency component amount of the video signal during movement of said first lens; and  
control means for controlling so that an angle formed between a first synthetic vector between the
- 5 moving direction of said first lens and the moving direction of said second lens for maintaining the focused condition of said second lens during movement of said first lens and a second synthetic vector based on the moving directions of said first and second
- 10 lenses prior to switching by said second moving condition switching means is set equal to an angle formed between the first synthetic vector and a third synthetic vector based on the moving directions of said first and second lenses upon switching by said second
- 15 moving condition switching means.

26. A camera according to claim 25, wherein said control means changes a magnitude of the angle formed between the first synthetic vector and the second or third synthetic vector during movement of said first lens in accordance with a focal length.

27. A camera according to claim 25, wherein said control means changes a magnitude of the angle formed between the first synthetic vector and the second or third synthetic vector during movement of said first lens in accordance with a depth of field.

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1        28. A camera according to claim 25, wherein said  
control means changes a magnitude of the angle formed  
between the first synthetic vector and the second or  
third synthetic vector during movement of said first  
5        lens in accordance with an object luminance.

29. A camera comprising:

    a first lens for performing a magnification  
operation;

10        a second lens for correcting movement of a focal  
plane during movement of said first lens;

    lens moving means for independently moving said  
first and second lenses to be parallel to an optical  
axis;

15        extracting means for extracting a high frequency  
component from a video signal of a photographed object;

    third moving condition switching means for  
switching the moving condition of said second lens so  
as to increase or decrease a high frequency component  
20        amount of the video signal on the basis of the high  
frequency component amount of the video signal every  
time the high frequency component amount of the video  
signal reaches a predetermined level value during  
movement of said first lens; and

25        holding means for peak-holding the predetermined  
level value in accordance with a change in the high  
frequency component of the video signal; and

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1 hold releasing means for releasing peak holding of  
the predetermined level value.

30. A camera according to claim 29, wherein said  
5 hold releasing means releases peak holding of the  
predetermined level value when the moving condition of  
said second lens is switched by said third moving  
condition switching means.